

**To:** Beeler, Cindy[Beeler.Cindy@epa.gov]  
**Cc:** Jonathan Banks[jbanks@catf.us]  
**From:** David McCabe  
**Sent:** Fri 8/5/2016 7:50:21 PM  
**Subject:** Re: Exciting opportunity to work with new regulator in Mexico on oil and gas air emissions

Hi Cindy,

## Ex. 5 - Deliberative Process

On another matter, as you may be aware, CATF recently commissioned a report on zero-emitting alternatives to pneumatic controllers and pumps. The report examines a number of technologies, and finds that instrument air and electric controllers – including electric controllers with on-site solar generation – are mature, reliable, and generally applicable technologies. They are in use at hundreds of sites. Finally, as the report describes, they are cost-effective, even with very conservative assumptions (assuming high costs and low emissions factors).

The full report is posted here:

[http://catf.us/resources/publications/files/Zero\\_Emitting\\_Pneumatic\\_Alternatives.pdf](http://catf.us/resources/publications/files/Zero_Emitting_Pneumatic_Alternatives.pdf)

In a few weeks, we are planning to release a spreadsheet that will allow readers to look at the economics of these non-polluting technologies for particular sites (i.e., for a new site with 2 continuous-bleed controllers and 1 intermittent controller, etc.) and to vary certain input assumptions for the calculation (such as emissions factor, or price of gas). When that is ready, we will let you know. We wanted to get you the report now because we think it is very relevant work, for example for the development of the FIP for the Uinta basin.

Please let me know if you have any questions. And let us know if we can talk soon about the meeting in Mexico, and who should be there.

David

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David McCabe  
Clean Air Task Force  
dmccabe@catf.us  
626-710-6542

**From:** David McCabe <dmccabe@catf.us>  
**Date:** Friday, August 5, 2016 at 3:17 PM  
**To:** "Beeler, Cindy" <Beeler.Cindy@epa.gov>  
**Cc:** Jonathan Banks <jbanks@catf.us>

**Subject:** Re: Exciting opportunity to work with new regulator in Mexico on oil and gas air emissions

## Ex. 5 - Deliberative Process

David McCabe  
Clean Air Task Force  
[dmccabe@catf.us](mailto:dmccabe@catf.us)  
626-710-6542

**From:** <Beeler>, Cindy <[Beeler.Cindy@epa.gov](mailto:Beeler.Cindy@epa.gov)>

**Date:** Monday, August 1, 2016 at 11:03 AM

**To:** David McCabe <[dmccabe@catf.us](mailto:dmccabe@catf.us)>, "Moore, Bruce" <[Moore.Bruce@epa.gov](mailto:Moore.Bruce@epa.gov)>

**Cc:** Jonathan Banks <[jbanks@catf.us](mailto:jbanks@catf.us)>

**Subject:** RE: Exciting opportunity to work with new regulator in Mexico on oil and gas air emissions

David –

## Ex. 5 - Deliberative Process

Good luck and please keep me posted,

**Cindy Beeler**  
US EPA Region 8, Energy Advisor  
Office of the Regional Administrator  
Tel: 303-312-6204  
[Beeler.Cindy@epa.gov](mailto:Beeler.Cindy@epa.gov)

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**From:** David McCabe [<mailto:dmccabe@catf.us>]

**Sent:** Friday, July 29, 2016 8:57 AM

**To:** Moore, Bruce <[Moore.Bruce@epa.gov](mailto:Moore.Bruce@epa.gov)>; Beeler, Cindy <[Beeler.Cindy@epa.gov](mailto:Beeler.Cindy@epa.gov)>

**Cc:** Jonathan Banks <[jbanks@catf.us](mailto:jbanks@catf.us)>

**Subject:** Exciting opportunity to work with new regulator in Mexico on oil and gas air emissions

Hello Bruce and Cindy,

## Ex. 5 - Deliberative Process

# Ex. 5 - Deliberative Process

David

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David McCabe, PhD

Atmospheric Scientist

Clean Air Task Force

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mobile

Ex. 6 - Personal Privacy

CATF is a nonprofit organization dedicated  
to reducing atmospheric pollution through  
research, advocacy, and private sector collaboration.